Share and stored metadata for preservation, recovery, and discovery



Project Title	Share and stored metadata for preservation, recovery, and discovery
Project Summary	To investigate open source software for an institutional repository to support the VHA Library Network Office and Central Office Library metadata curation project.
Country	United States

Project Description

During this internship, potential projects include:

- Critique Open Archives Initiative Protocol for Metadata Harvesting (OAI-PHM) open-source software for repositories.
- Investigate workflow for ingestion and exporting data.
- Build out a mock up repository.
- Test data flow with the 'push-based' and 'pull-based' models.

Required Skills or Interests

Skill(s)
Data analysis
Data visualization
Software development
Website design

Additional Information

Desired Skills: Data curation HTML XML XHTML JSON Python RDF Metadata Research Attention to detail

Flexibility

Preference is for a student pursuing a degree in Computer Engineering, Computer Programming, Computer Systems Engineering, or Software Engineering.

The Library Network Office and Central Office Library are a small team of dedicated librarians and support staff. These projects will help us to complete efforts that we haven't been able undertake and will contribute greatly to the access, discovery and preservation of VA scholarship.

Language Requirements

None